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## Memorandum

December 2, 2005

**To:** Gerald Brown  
**From:** William Griffing *WGriff*  
**Subject:** Revised FESHM Chapter 6040.1 – Fire Retardant Coatings

Enclosed you will find revised FESHM Chapter 6040.1, Fire Retardant Coatings. This chapter has been revised to reflect current requirements. It has been reviewed site wide and there were no comments.

After final approval, please return this approval page to Elizabeth May at MS119 for posting on the web.

Encl.

### Recommended for Approval:

*Gerald Brown*  
\_\_\_\_\_  
Gerald Brown  
Date 12/05/2005

### Approved:

*Piermaria Oddone*  
\_\_\_\_\_  
Piermaria Oddone  
Date 12/8/05

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## **FIRE CONSTRUCTION REQUIREMENTS**

### **Fire Retardant Coatings** **For Combustible Construction Materials**

#### **INTRODUCTION**

In order to limit possible fire consequences and restrict combustible loadings within structures, fire resistive or noncombustible materials should be used for (a) new building construction and building modifications, (b) materials of construction, such as scaffolds, temporary construction walls, and work platforms, and (c) building accessories, such as steps and stairs, walkways, and temporary walls. Where this is not practical, wood and similar combustible materials should be treated or coated with fire retardant material. The use of fire retardant coatings is described in the procedure below.

#### **PROCEDURES**

1. Underwriters Laboratories approved coatings, applicable for intended use, i.e., interior or exterior, should be used. Such coatings will be marked as follows:

Exterior Use: Underwriters Laboratories, Inc. R  
Classified  
General Purpose Coating  
Fire Hazard Classification

Interior Use: Underwriters Laboratories, Inc. R  
Classified  
Fire Retardant Coatings

An acceptable interior flat white latex paint is available from the Site 38 Stockroom (Stock No. 1825-3920).

2. The fire hazard classification is applicable only when the coating is applied at the rates of coverage and to the type or kind of surfaces indicated when the coating is applied in accordance with the directions supplied with the container, and when the coating is maintained.